

SILVERSWORD ALLIANCE IN THE BOGS OF EAST MAUI:
A CONTINUING REPORT

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The greensword, Argyroxiphium virescens var. paludosa, hybridizes with at least two species of the related genus Dubautia in Hana Forest Reserve above the north rim of Kipahulu Valley, East Maui. Field observations are being carried out to determine the number, distribution, population, and phenology of these hybrids. Vegetative material has been propagated in the laboratory and bud material has been preserved for determination of chromosome numbers. Hybrid plants are located in the vicinity of several bogs that have been impacted to varying degrees by feral pigs. Observations from 1972 to present have indicated such recently increased damage to certain bogs that one was fenced against pigs in 1981. Plans have been made for long-term monitoring of revegetation, especially within the fenced bog.